

FIG. 1

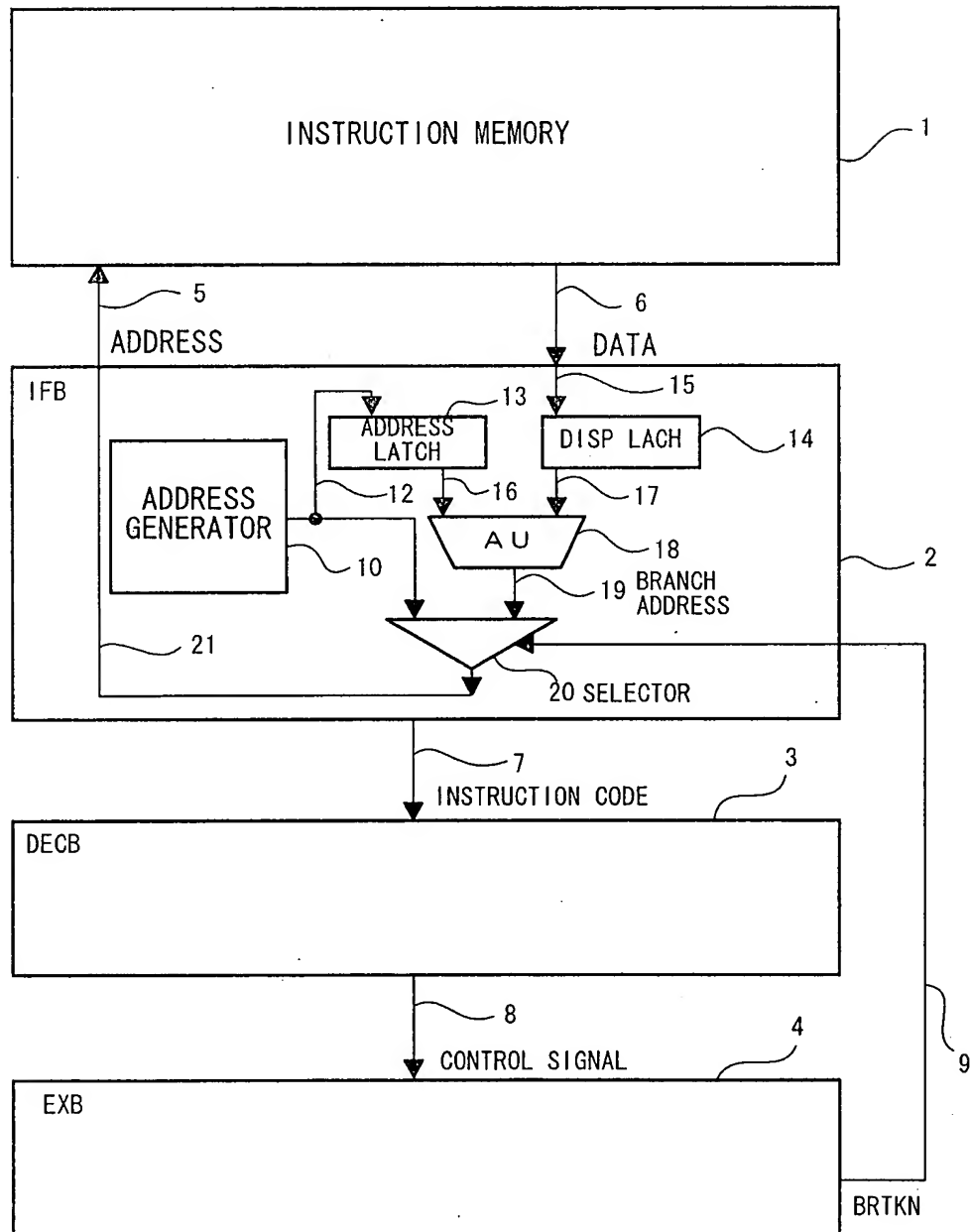


FIG. 2

| | a | b | c | | d | e | f |
|-------|------------|------------|---------------|---------------|------------|---|---|
| ADR | 0000 | 0002 | 0004 | 0022 | 0024 | | |
| | | | | | | | |
| IF | SUB D2, D1 | BEQdisp8 | AND D0, D1 | MOV D2, A0 | | | |
| | | | | | | | |
| DEC | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | | |
| | | | | | | | |
| EX | | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | |
| | | | | | | | |
| BRTKN | | | | | | | |

FIG. 3

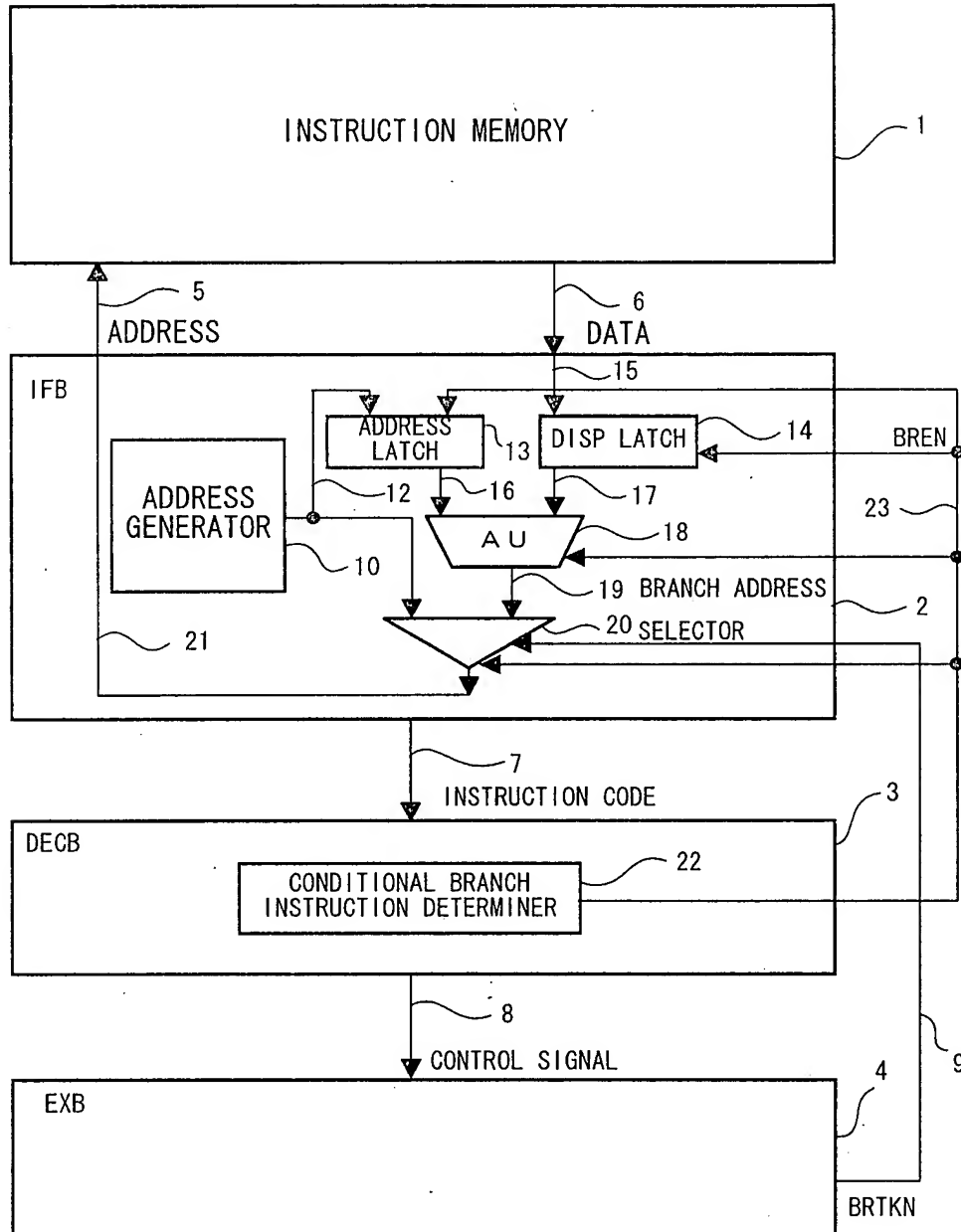


FIG. 4

| | a | b | c | | d | e | f |
|-------|------------|------------|---------------|---------------|------------|---|---|
| ADR | 0000 | 0002 | 0004 | 0022 | 0024 | | |
| | | | | | | | |
| IF | SUB D2, D1 | BEQdisp8 | AND D0, D1 | MOV D2, A0 | | | |
| | | | | | | | |
| DEC | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | | |
| | | | | | | | |
| EX | | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | |
| | | | | | | | |
| BRTKN | | | | | | | |
| | | | | | | | |
| BREN | | | | | | | |
| | | | | | | | |

FIG. 5

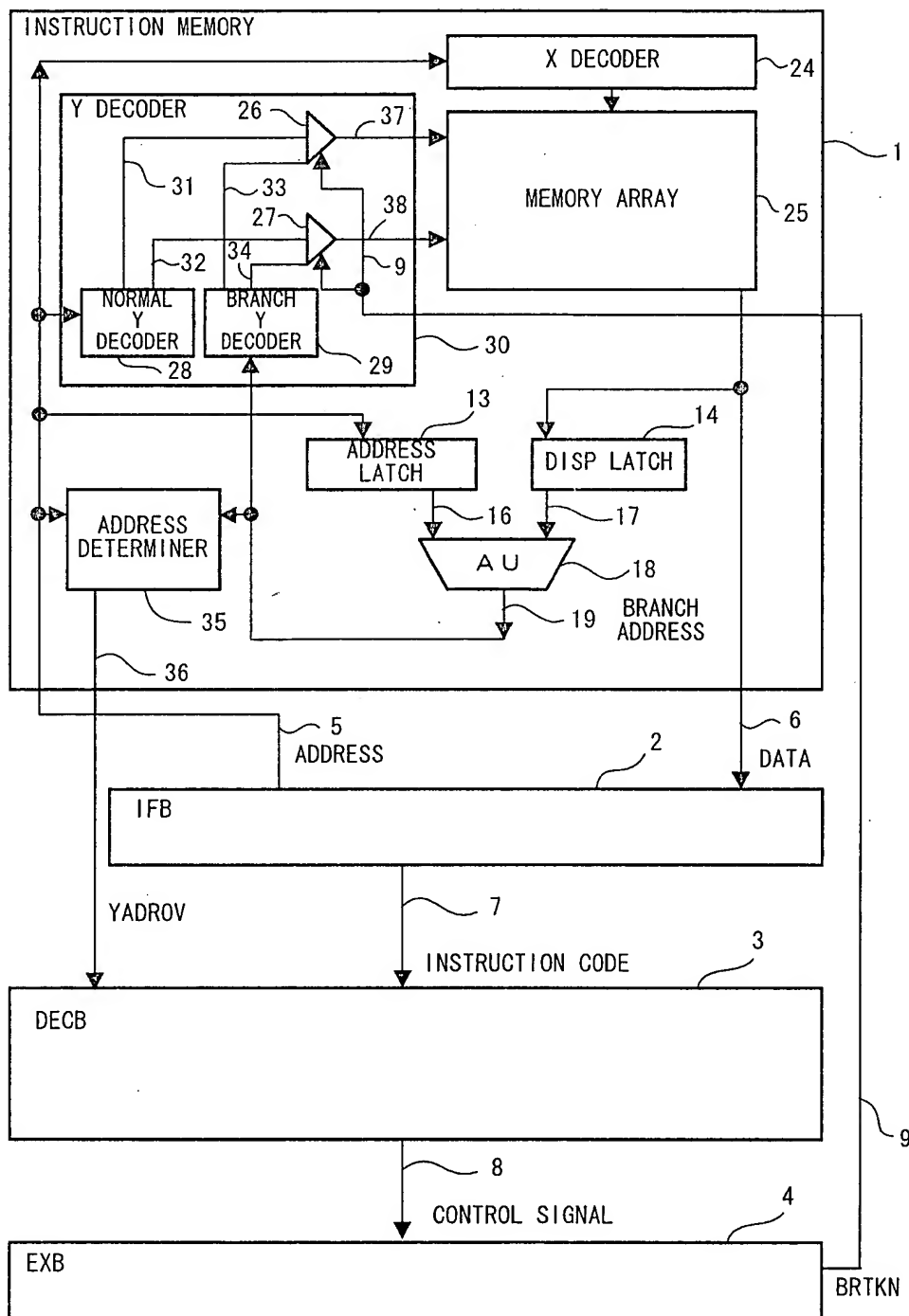


FIG. 6

| | a | b | c | d | e | f |
|-------|------------|------------|------------|------------|------------|---|
| ADR | 0000 | 0002 | 0004 | 0024 | | |
| XDEC | 00 | 00 | 00 | 00 | | |
| YDECN | 00 | 02 | 04 | 24 | | |
| YDECB | | | 22 | | | |
| BRTKN | | | | | | |
| XDECP | | | | | | |
| YDECP | | | | | | |
| 31 | | | | | | |
| 32 | | | | | | |
| 33 | | | | | | |
| 34 | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| IF | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | | |
| DEC | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | |
| EX | | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | |

FIG. 7

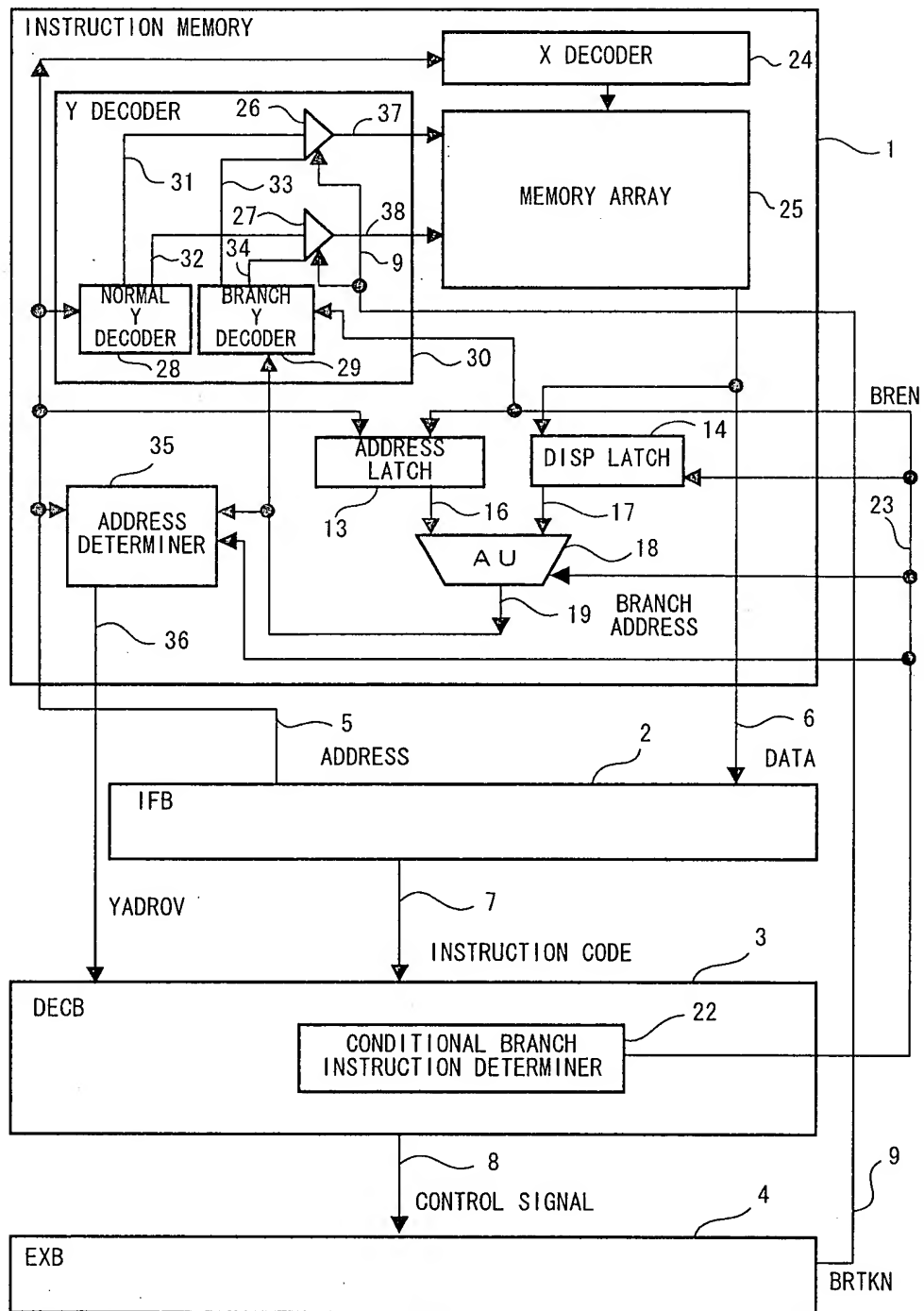


FIG. 8

| | a | b | c | d | e | f |
|-------|------------|------------|------------|------------|------------|---|
| ADR | 0000 | 0002 | 0004 | 0024 | | |
| XDEC | 00 | 00 | 00 | 00 | | |
| YDECN | 00 | 02 | 04 | | | |
| YDECB | | | 22 | | | |
| BRTKN | | | | | | |
| XDECP | | | | | | |
| YDECP | | | | | | |
| 31 | | | | | | |
| 32 | | | | | | |
| 33 | | | | | | |
| 34 | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| IF | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | | |
| DEC | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | |
| EX | | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | |
| BREN | | | | | | |

FIG. 9

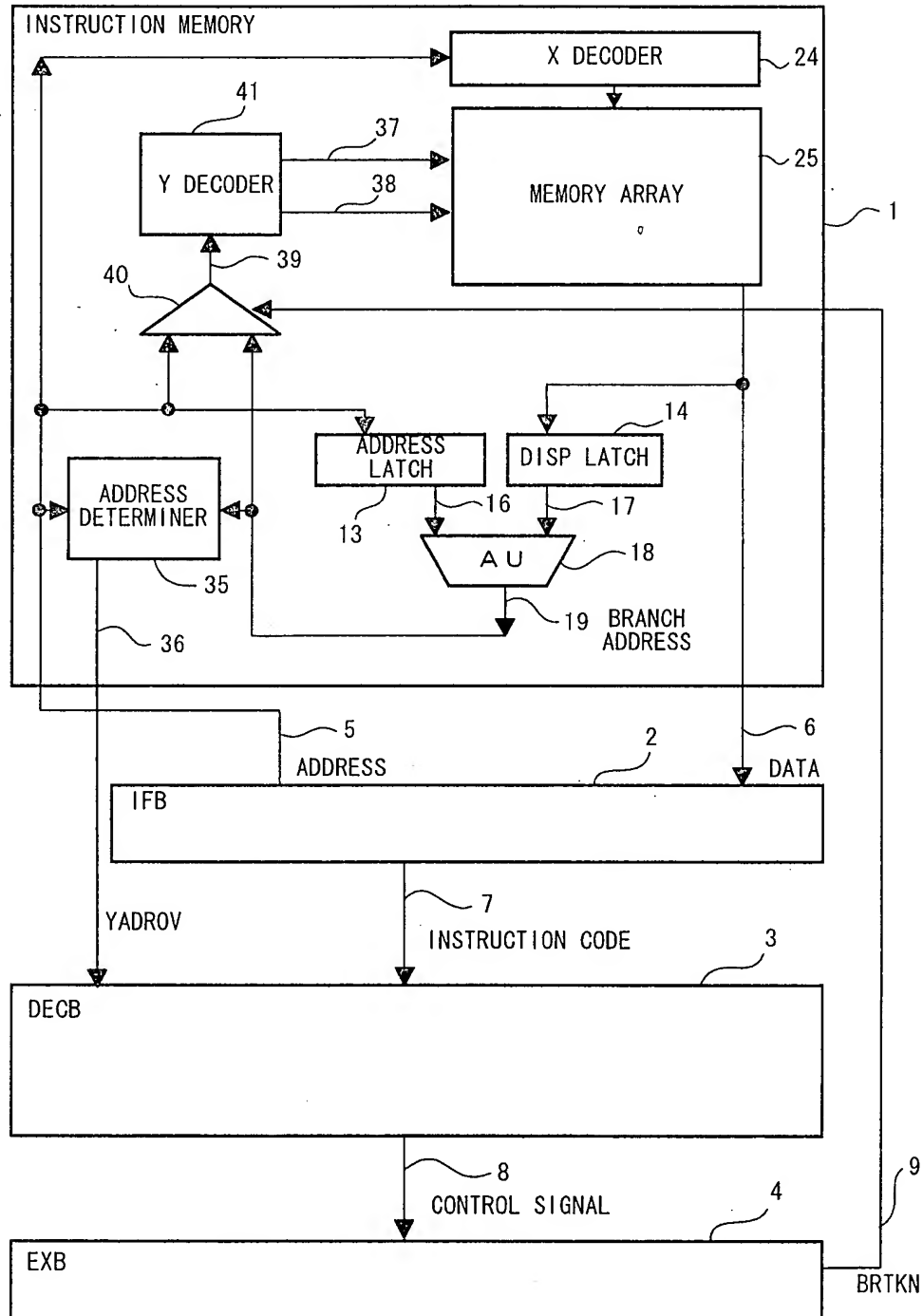


FIG. 10

| | a | b | c | d | e | f |
|-------|------------|------------|------------|------------|------------|---|
| ADR | 0000 | 0002 | 0004 | 0024 | | |
| XDEC | 00 | 00 | 00 | 00 | | |
| YDECN | 00 | 02 | 04 | | | |
| YDECB | | | 22 | | | |
| BRTKN | | | | | | |
| 39 | 00 | 02 | 04 | 02 | | |
| XDECP | | | | | | |
| YDECP | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| IF | SUB D2, D1 | BEQdisp8 | | MOV D2, A0 | | |
| DEC | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | |
| EX | | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | |
| | | | | | | |

FIG. 11

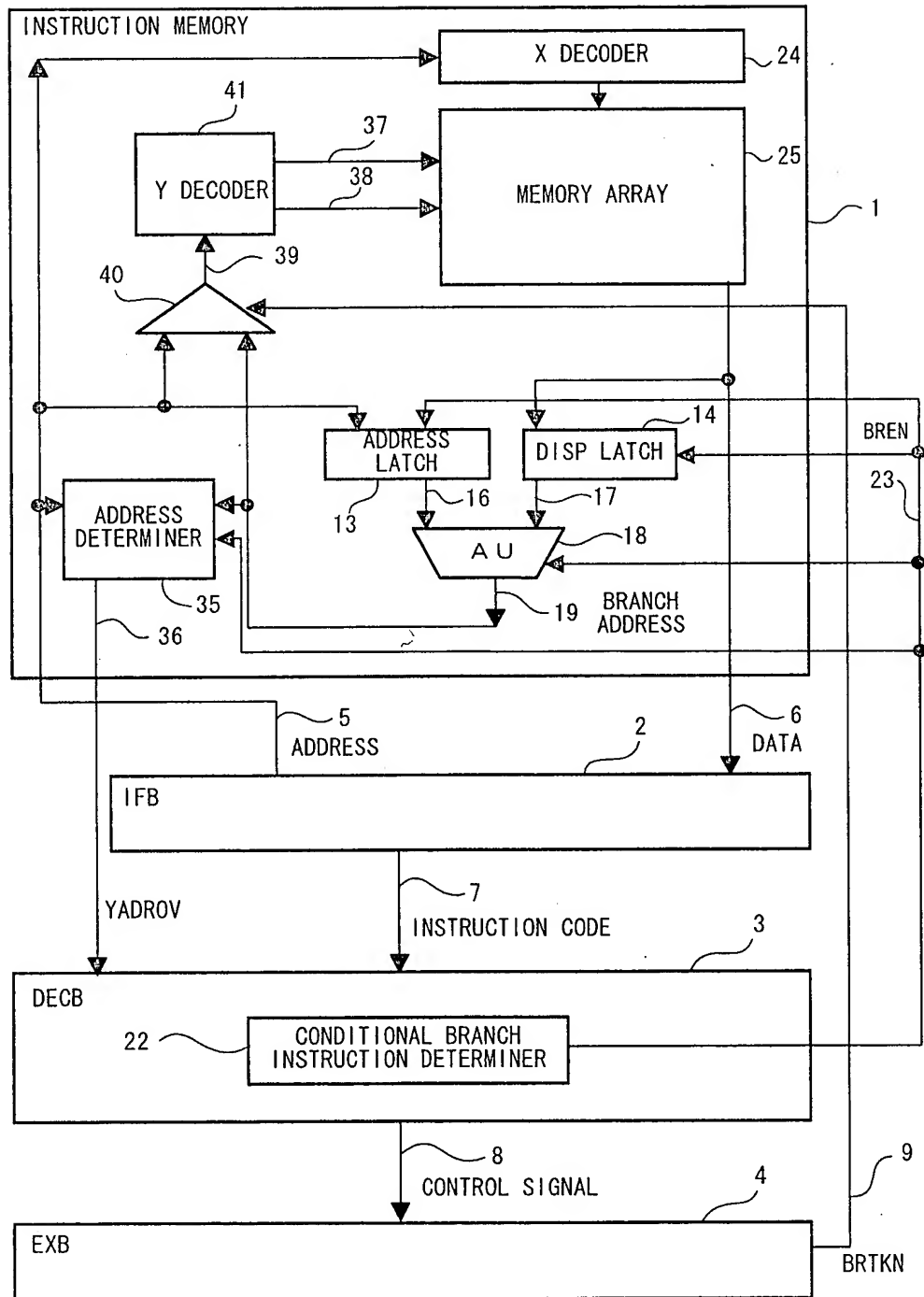


FIG. 12

| | a | b | c | d | e | f |
|-------|------------|------------|------------|------------|------------|---|
| ADR | 0000 | 0002 | 0004 | 0024 | | |
| | | | | | | |
| XDEC | 00 | 00 | 00 | 00 | | |
| | | | | | | |
| YDECN | 00 | 02 | 04 | | | |
| | | | | | | |
| YDECB | | | 22 | | | |
| | | | | | | |
| BRTKN | | | | | | |
| | | | | | | |
| 39 | 00 | 02 | 04 | 22 | | |
| | | | | | | |
| XDECP | | | | | | |
| YDECP | | | | | | |
| | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| | | | | | | |
| IF | SUB D2, D1 | BEQdisp8 | | MOV D2, A0 | | |
| | | | | | | |
| DEC | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | | |
| | | | | | | |
| EX | | | SUB D2, D1 | BEQdisp8 | MOV D2, A0 | |
| | | | | | | |
| BREN | | | | | | |
| | | | | | | |

FIG. 13
PRIOR ART

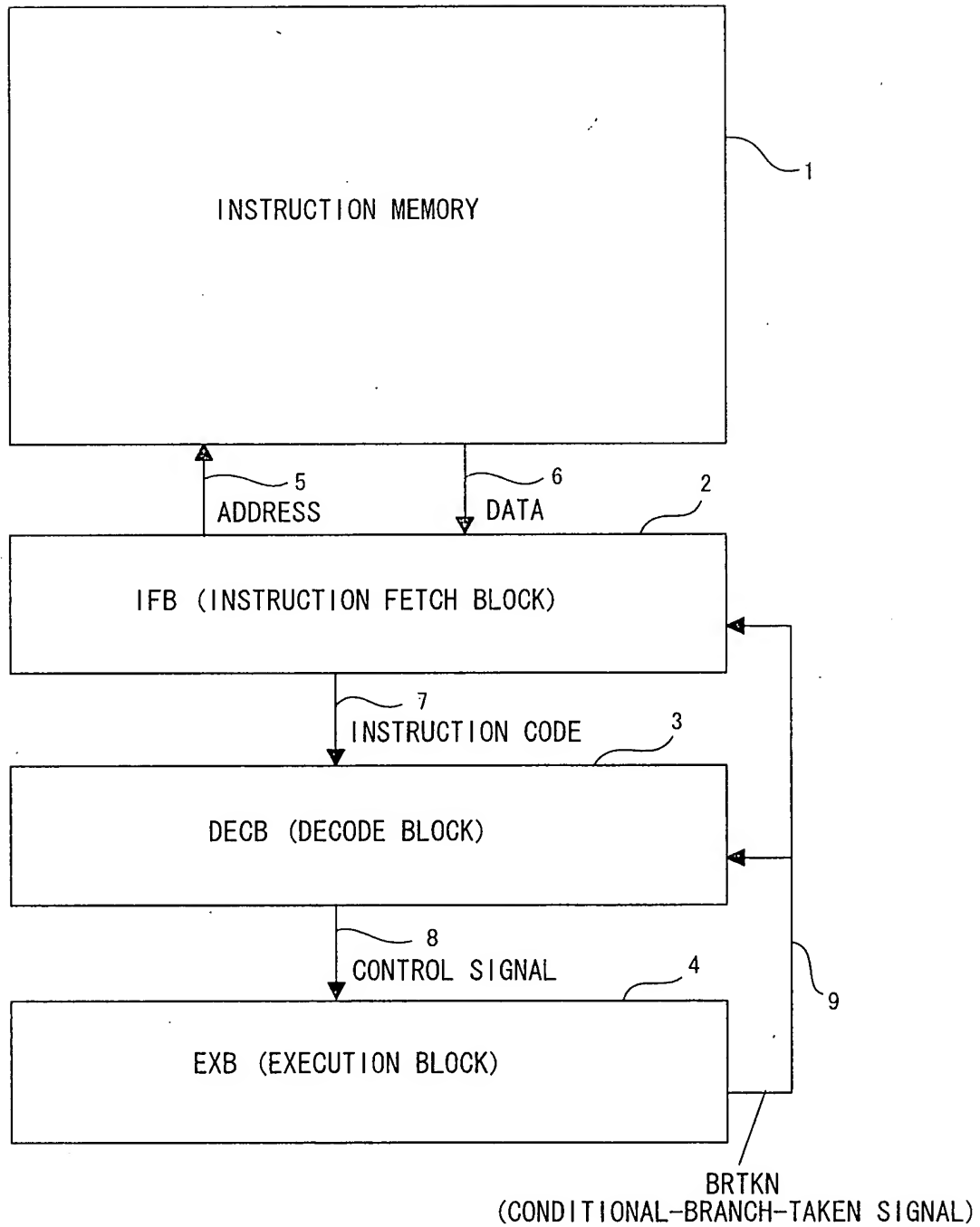


FIG. 14

PRIOR ART

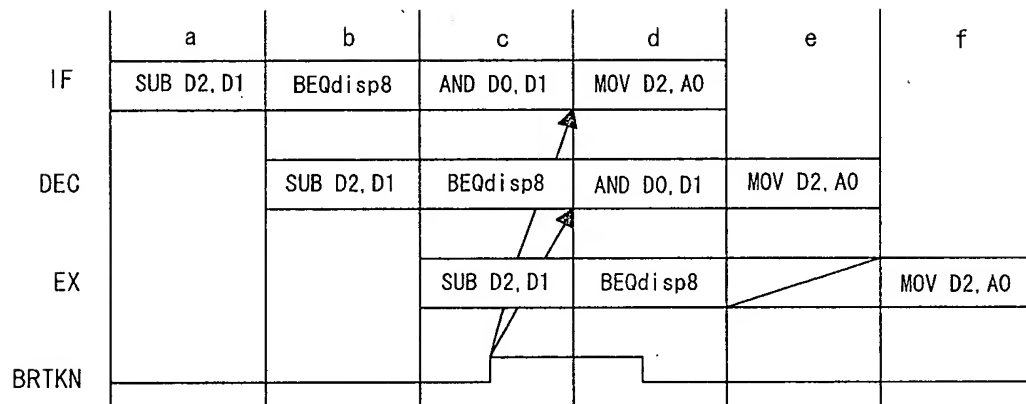


FIG. 15

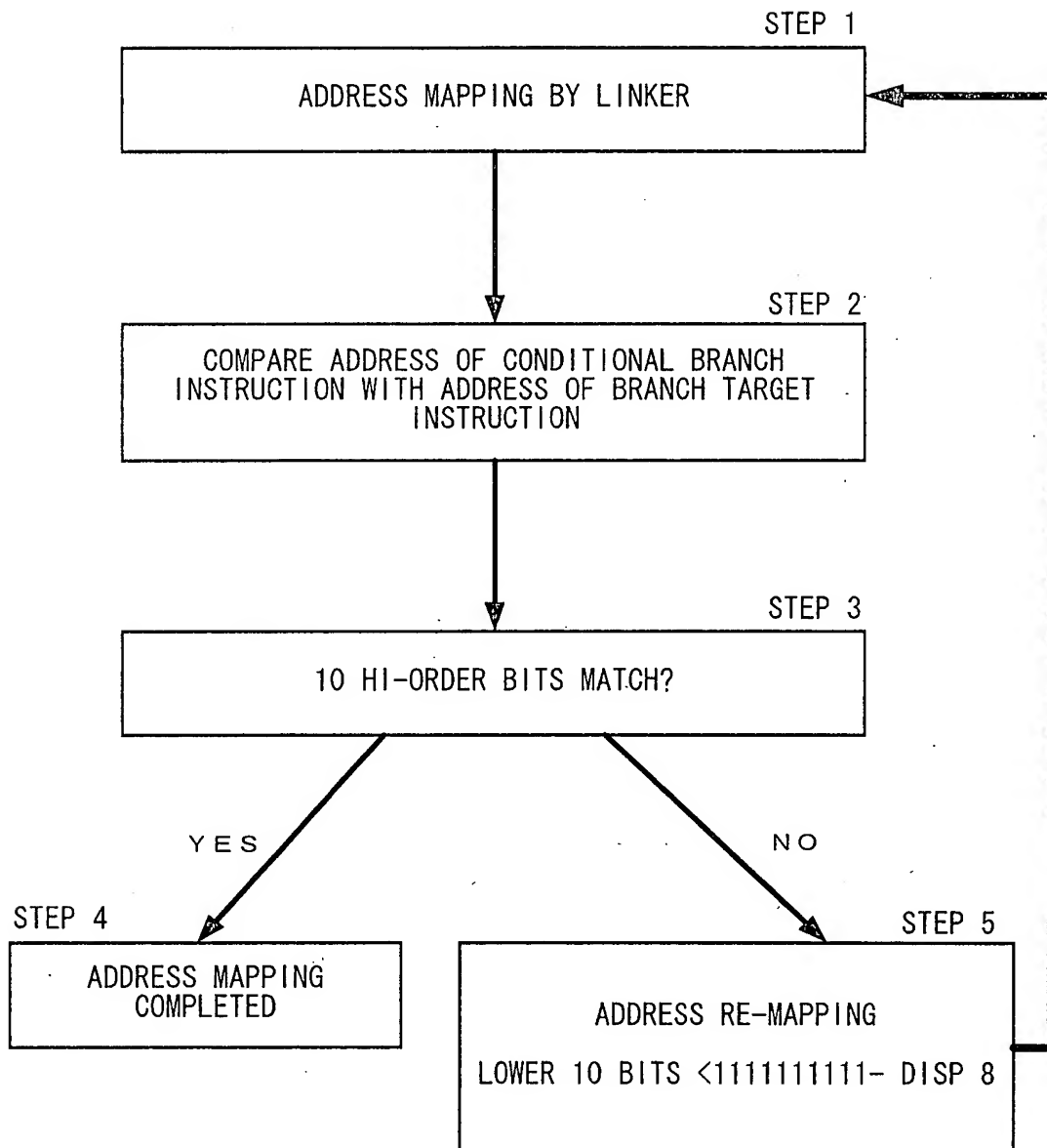


FIG. 16

a0:0000 0000 0011 1000 0000

a1:0000 0000 0011 1000 0010

a2:0000 0000 0100 0000 0000

| |
|------------|
| |
| BEQ' disp8 |
| AND D0, D1 |
| |
| MOV D2, A0 |
| |

FIG. 17

a0:1000 0000 0000 0000 0000
a1:1000 0000 0000 0000 0010
a2:1000 0000 0000 1000 0000

| |
|------------|
| |
| BEQ disp8 |
| AND D0, D1 |
| |
| MOV D2, A0 |
| |